

L13 ANSWER 8 OF 65 USPATFULL

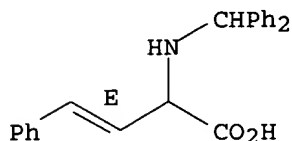
IT 185989-14-4P 185989-15-5P 189383-44-6P 201852-50-8P
201852-51-9P 201852-52-0P 201852-54-2P 201852-55-3P
201852-56-4P 201852-57-5P 201852-58-6P 201852-59-7P
201852-60-0P

(synthesis of amines and amino acids using organoboron derivs.)

RN 185989-14-4 USPATFULL

CN 3-Butenoic acid, 2-[(diphenylmethyl)amino]-4-phenyl-, (E)- (9CI) (CA INDEX NAME)

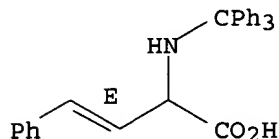
Double bond geometry as shown.



RN 185989-15-5 USPATFULL

CN 3-Butenoic acid, 4-phenyl-2-[(triphenylmethyl)amino]-, (E)- (9CI) (CA INDEX NAME)

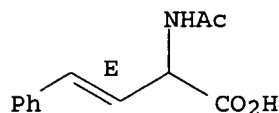
Double bond geometry as shown.



RN 189383-44-6 USPATFULL

CN 3-Butenoic acid, 2-(acetylamino)-4-phenyl-, (E)- (9CI) (CA INDEX NAME)

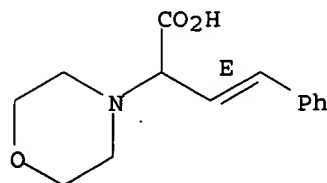
Double bond geometry as shown.



RN 201852-50-8 USPATFULL

CN 4-Morpholineacetic acid, .alpha.-(2-phenylethenyl)-, (E)- (9CI) (CA INDEX NAME)

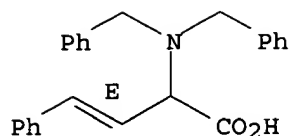
Double bond geometry as shown.



RN 201852-51-9 USPATFULL

CN 3-Butenoic acid, 2-[bis(phenylmethyl)amino]-4-phenyl-, (E)- (9CI) (CA INDEX NAME)

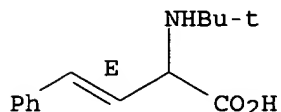
Double bond geometry as shown.



RN 201852-52-0 USPATFULL

CN 3-Butenoic acid, 2-[(1,1-dimethylethyl)amino]-4-phenyl-, (E)- (9CI) (CA INDEX NAME)

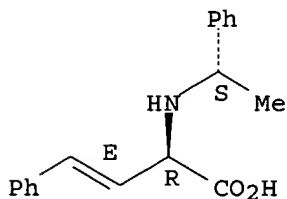
Double bond geometry as shown.



RN 201852-54-2 USPATFULL

CN 3-Butenoic acid, 4-phenyl-2-[(1-phenylethyl)amino]-, [S-[R*,S*-(E)]]- (9CI) (CA INDEX NAME)

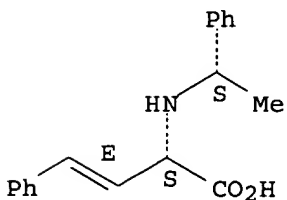
Absolute stereochemistry.
Double bond geometry as shown.



RN 201852-55-3 USPATFULL

CN 3-Butenoic acid, 4-phenyl-2-[(1-phenylethyl)amino]-, [S-[R*,R*-(E)]]- (9CI) (CA INDEX NAME)

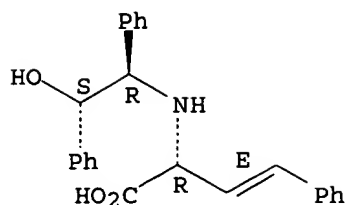
Absolute stereochemistry.
Double bond geometry as shown.



RN 201852-56-4 USPATFULL

CN 3-Butenoic acid, 2-[(2-hydroxy-1,2-diphenylethyl)amino]-4-phenyl-, [1R-[1R*(2R*,3E),2S*]]- (9CI) (CA INDEX NAME)

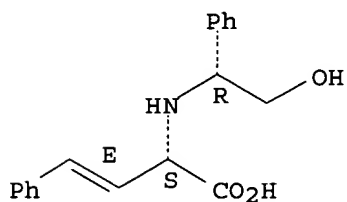
Absolute stereochemistry.
Double bond geometry as shown.



RN 201852-57-5 USPATFULL

CN 3-Butenoic acid, 2-[(2-hydroxy-1-phenylethyl)amino]-4-phenyl-,
[R-[R*,S*-(E)]]- (9CI) (CA INDEX NAME)

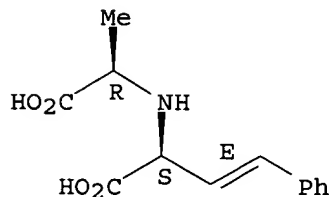
Absolute stereochemistry.
Double bond geometry as shown.



RN 201852-58-6 USPATFULL

CN 3-Butenoic acid, 2-[(1-carboxyethyl)amino]-4-phenyl-, [R-[R*,S*-(E)]]- (9CI)
(CA INDEX NAME)

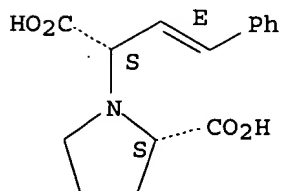
Absolute stereochemistry.
Double bond geometry as shown.



RN 201852-59-7 USPATFULL

CN 1-Pyrrolidineacetic acid, 2-carboxy-.alpha.-(2-phenylethenyl)-,
[S-[R*,R*-(E)]]- (9CI) (CA INDEX NAME)

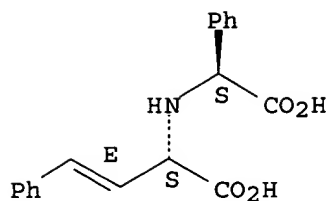
Absolute stereochemistry..
Double bond geometry as shown.



RN 201852-60-0 USPATFULL

CN Benzeneacetic acid, .alpha.-[(1-carboxy-3-phenyl-2-propenyl)amino]-,
[S-[R*,R*-(E)]]- (9CI) (CA INDEX
NAME)

Absolute stereochemistry.
Double bond geometry as shown.



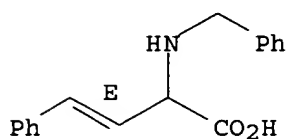
IT 185989-13-3P 185989-18-8P 185989-19-9P 185989-20-2P
 185989-21-3P 185989-23-5P 201852-11-1P 201852-25-7P
 201852-26-8P 201852-27-9P 202198-75-2P

(synthesis of amines and amino acids using organoboron derivs.)

RN 185989-13-3 USPATFULL

CN 3-Butenoic acid, 4-phenyl-2-[(phenylmethyl)amino]-, (E)- (9CI) (CA INDEX NAME)

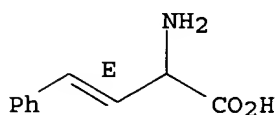
Double bond geometry as shown.



RN 185989-18-8 USPATFULL

CN 3-Butenoic acid, 2-amino-4-phenyl-, hydrochloride, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

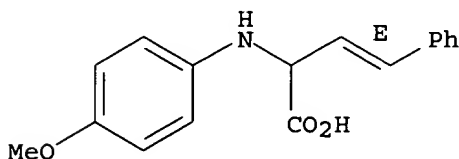


● HCl

RN 185989-19-9 USPATFULL

CN 3-Butenoic acid, 2-[(4-methoxyphenyl)amino]-4-phenyl-, (E)- (9CI) (CA INDEX NAME)

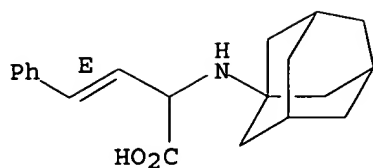
Double bond geometry as shown.



RN 185989-20-2 USPATFULL

CN 3-Butenoic acid, 4-phenyl-2-(tricyclo[3.3.1.1.3,7]dec-1-ylamino)-, (E)- (9CI) (CA INDEX NAME)

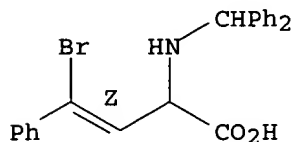
Double bond geometry as shown.



RN 185989-21-3 USPATFULL

CN 3-Butenoic acid, 4-bromo-2-[(diphenylmethyl)amino]-4-phenyl-, (Z)- (9CI) (CA INDEX NAME)

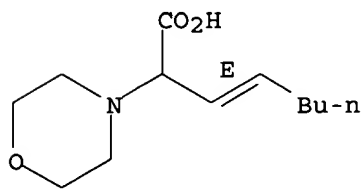
Double bond geometry as shown.



RN 185989-23-5 USPATFULL

CN 4-Morpholineacetic acid, .alpha.-1-hexenyl-, (E)- (9CI) (CA INDEX NAME)

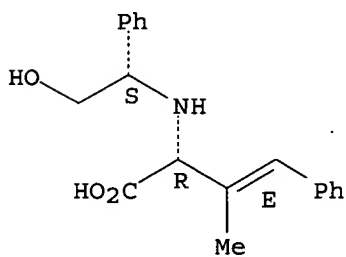
Double bond geometry as shown.



RN 201852-11-1 USPATFULL

CN 3-Butenoic acid, 2-[(2-hydroxy-1-phenylethyl)amino]-3-methyl-4-phenyl-, [S-[R*,S*-(E)]]- (9CI) (CA INDEX NAME)

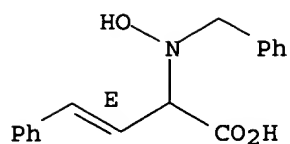
Absolute stereochemistry.
Double bond geometry as shown.



RN 201852-25-7 USPATFULL

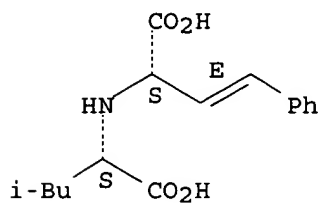
CN 3-Butenoic acid, 2-[hydroxy(phenylmethyl)amino]-4-phenyl-, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



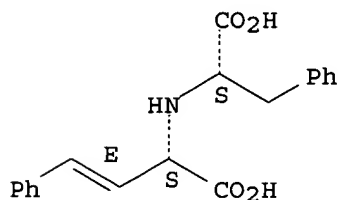
RN 201852-26-8 USPATFULL
CN L-Leucine, N-[(1S,2E)-1-carboxy-3-phenyl-2-propenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



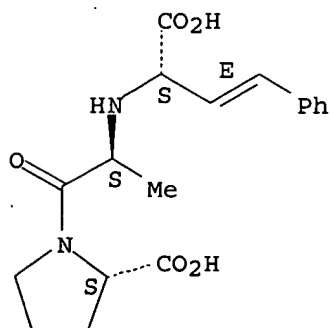
RN 201852-27-9 USPATFULL
CN L-Phenylalanine, N-[(1S,2E)-1-carboxy-3-phenyl-2-propenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



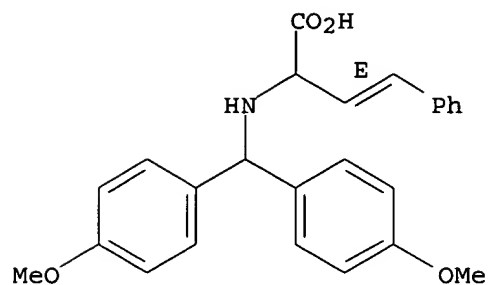
RN 202198-75-2 USPATFULL
CN L-Proline, N-[(1S,2E)-1-carboxy-3-phenyl-2-propenyl]-L-alanyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



IT 185989-17-7P 185989-26-8P
(synthesis of amines and amino acids using organoboron derivs.)
RN 185989-17-7 USPATFULL
CN 3-Butenoic acid, 2-[[bis(4-methoxyphenyl)methyl]amino]-4-phenyl-, (E)- (9CI)
(CA INDEX NAME)

Double bond geometry as shown.

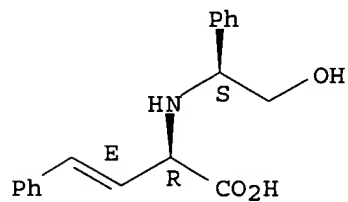


RN 185989-26-8 USPATFULL

CN 3-Butenoic acid, 2-[[[(1S)-2-hydroxy-1-phenylethyl]amino]-4-phenyl-, (2R,3E)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



L11 ANSWER 205 OF 252 USPATFULL
 ACCESSION NUMBER: 88:11503 USPATFULL
 TITLE: 3-Halovinylglycine antibacterial agents
 INVENTOR(S): Taub, David, Metuchen, NJ, United States
 Abeles, Robert H., Newton Centre, MA, United States
 Patchett, Arthur A., Westfield, NJ, United States
 PATENT ASSIGNEE(S): Merck & Co., Inc., Rahway, NJ, United States (U.S.
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4727062		19880223
APPLICATION INFO.:	US 1986-840254		19860317 (6)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Phillips, Delbert R.		
ASSISTANT EXAMINER:	Chan, Yen-Li Christina		
LEGAL REPRESENTATIVE:	North, Robert J., Pfeiffer, Hesna J., Levitt, Julian S.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
LINE COUNT:	689		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d ibib 203

L11 ANSWER 203 OF 252 USPATFULL
 ACCESSION NUMBER: 89:13023 USPATFULL
 TITLE: 3-halovinylglycine antibacterial agents
 INVENTOR(S): Taub, David, Metuchen, NJ, United States
 Abeles, Robert H., Newton Centre, MA, United States
 Patchet, Arthur A., Westfield, NJ, United States
 PATENT ASSIGNEE(S): Merck & Co., Inc., Rahway, NJ, United States (U.S.
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4806680		19890221
APPLICATION INFO.:	US 1987-119527		19871112 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1986-840254, filed on 17 Mar 1986		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Lieberman, Paul		
ASSISTANT EXAMINER:	Kirschner, Helene		
LEGAL REPRESENTATIVE:	North, Robert J., Pfeiffer, Hesna J.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
LINE COUNT:	655		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 205 OF 252 USPATFULL

SUMM The salts of this invention are pharmacologically acceptable nontoxic derivatives which can be used as the active ingredient in suitable unit dosage pharmaceutical forms. Also, they may be combined with.

IT 111581-51-2P 111581-52-3P 111687-16-2P 111687-17-3P
111687-18-4P 111687-19-5P 113582-45-9P 113582-46-0P
113582-47-1P 113582-48-2P 113582-51-7P 113582-53-9P
113582-55-1P 113582-57-3P 113582-59-5P 113582-61-9P
113597-10-7P

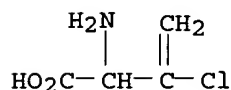
(prepn. of, as bactericide)

IT 111581-51-2P 111581-52-3P 111687-16-2P 111687-17-3P
111687-18-4P 111687-19-5P 113582-45-9P 113582-46-0P
113582-47-1P 113582-48-2P 113582-51-7P 113582-53-9P
113582-55-1P 113582-57-3P 113582-59-5P 113582-61-9P
113597-10-7P

(prepn. of, as bactericide)

RN 111581-51-2 USPATFULL

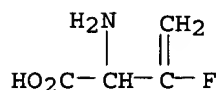
CN 3-Butenoic acid, 2-amino-3-chloro-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 111581-52-3 USPATFULL

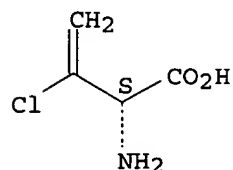
CN 3-Butenoic acid, 2-amino-3-fluoro- (9CI) (CA INDEX NAME)



RN 111687-16-2 USPATFULL

CN 3-Butenoic acid, 2-amino-3-chloro-, hydrochloride, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

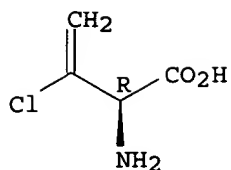


● HCl

RN 111687-17-3 USPATFULL

CN 3-Butenoic acid, 2-amino-3-chloro-, hydrochloride, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

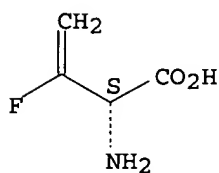


● HCl

RN 111687-18-4 USPATFULL

CN 3-Butenoic acid, 2-amino-3-fluoro-, (S)- (9CI) (CA INDEX NAME)

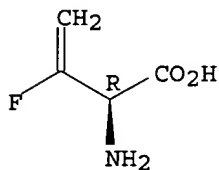
Absolute stereochemistry.



RN 111687-19-5 USPATFULL

CN 3-Butenoic acid, 2-amino-3-fluoro-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 113582-45-9 USPATFULL

CN Butanoic acid, L-norvalyl-3-chloro-3,4-didehydro-L-2-amino-,
mono(trifluoroacetate) (9CI) (CA INDEX
NAME)

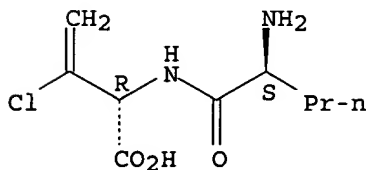
CM 1

CRN 113582-44-8

CMF C9 H15 Cl N2 O3

CDES 5:L,L

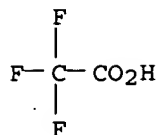
Absolute stereochemistry.



CM 2

CRN 76-05-1

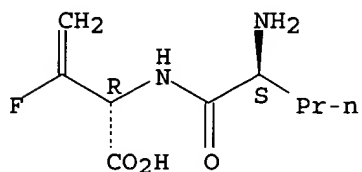
CMF C2 H F3 O2



RN 113582-46-0 USPATFULL

CN Butanoic acid, L-norvalyl-3,4-didehydro-3-fluoro-L-2-amino- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 113582-47-1 USPATFULL

CN Butanoic acid, L-norvalyl-3,4-didehydro-3-fluoro-L-2-amino-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

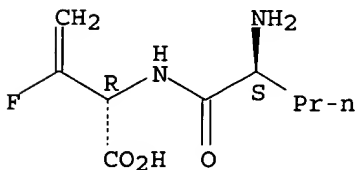
CM 1

CRN 113582-46-0

CMF C9 H15 F N2 O3

CDES 5:L,L

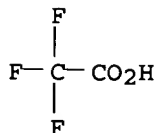
Absolute stereochemistry.



CM 2

CRN 76-05-1

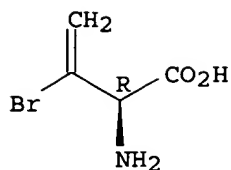
CMF C2 H F3 O2



RN 113582-48-2 USPATFULL

CN 3-Butenoic acid, 2-amino-3-bromo-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 113582-51-7 USPATFULL

CN Butanoic acid, L-norvalyl-3-chloro-3,4-didehydro-D-2-amino-,
mono(trifluoroacetate) (9CI) (CA INDEX
NAME)

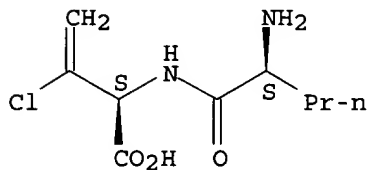
CM 1

CRN 113582-50-6

CMF C9 H15 Cl N2 O3

CDES 5:L,D

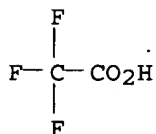
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 113582-53-9 USPATFULL

CN 3-Butenoic acid, 2-[(2-amino-1-oxopentyl)amino]-3-chloro-, stereoisomer,
mono(trifluoroacetate) (9CI)
(CA INDEX NAME)

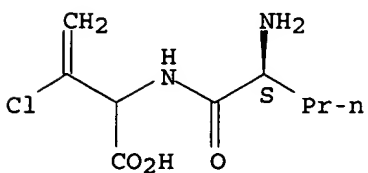
CM 1

CRN 113582-52-8

CMF C9 H15 Cl N2 O3

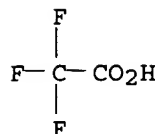
CDES 5:L,DL

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

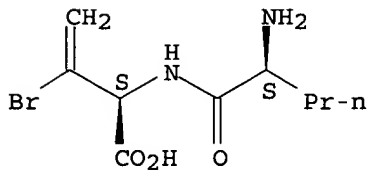


RN 113582-55-1 USPATFULL
CN Butanoic acid, L-norvalyl-3-bromo-3,4-didehydro-D-2-amino-,
mono(trifluoroacetate) (9CI) (CA INDEX
NAME)

CM 1

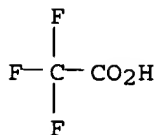
CRN 113582-54-0
CMF C9 H15 Br N2 O3
CDES 5:L,D

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

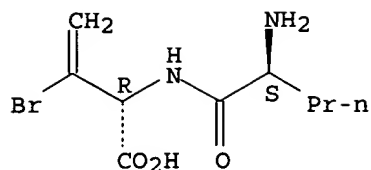


RN 113582-57-3 USPATFULL
CN Butanoic acid, L-norvalyl-3-bromo-3,4-didehydro-L-2-amino-,
mono(trifluoroacetate) (9CI) (CA INDEX
NAME)

CM 1

CRN 113582-56-2
CMF C9 H15 Br N2 O3
CDES 5:L,L

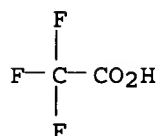
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 113582-59-5 USPATFULL

CN 3-Butenoic acid, 2-[(2-amino-1-oxopentyl)amino]-3-bromo-, stereoisomer, mono(trifluoroacetate) (9CI)

(CA INDEX NAME)

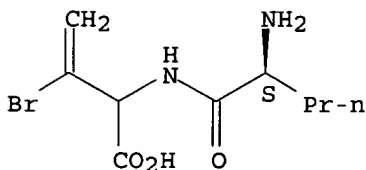
CM 1

CRN 113582-58-4

CMF C9 H15 Br N2 O3

CDES 5:L,DL

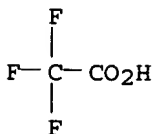
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 113582-61-9 USPATFULL

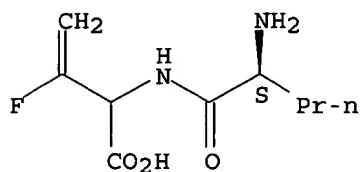
CN 3-Butenoic acid, 2-[(2-amino-1-oxopentyl)amino]-3-fluoro-, stereoisomer, mono(trifluoroacetate) (9CI)

(CA INDEX NAME)

CM 1

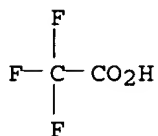
CRN 113582-60-8
CMF C9 H15 F N2 O3
CDES 5:L,DL

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

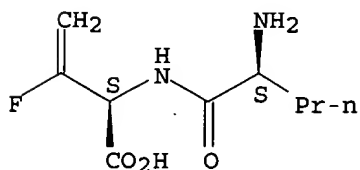


RN 113597-10-7 USPATFULL
CN Butanoic acid, L-norvalyl-3,4-didehydro-3-fluoro-D-2-amino-,
mono(trifluoroacetate) (9CI) (CA INDEX
NAME)

CM 1

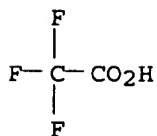
CRN 113597-09-4
CMF C9 H15 F N2 O3
CDES 5:L,D

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2



1 ANSWER 205 OF 252 USPATFULL

ACCESSION NUMBER: 88:11503 USPATFULL
TITLE: 3-Halovinylglycine antibacterial agents
INVENTOR(S): Taub, David, Metuchen, NJ, United States
Abeles, Robert H., Newton Centre, MA, United States
Patchett, Arthur A., Westfield, NJ, United States
PATENT ASSIGNEE(S): Merck & Co., Inc., Rahway, NJ, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4727062		19880223
APPLICATION INFO.:	US 1986-840254		19860317 (6)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Phillips, Delbert R.		
ASSISTANT EXAMINER:	Chan, Yen-Li Christina		
LEGAL REPRESENTATIVE:	North, Robert J., Pfeiffer, Hesna J., Levitt, Julian S.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
LINE COUNT:	689		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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